

YOIT/ ★ P64 39963 K/17 ★ J5 8045-008  
Mfg. inorganic injection mouldings - using compsn. contg. water-  
curable cement, clay and water

YOITAS 10.09.81-JP-143322

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10.09.81 as 143322 (156WB)

Mfr. of inorganic mouldings comprises injection moulding  
compsn. consisting of (a) 50-80 pts.wt. water curable cement and  
(b) 20-50 pts.wt. clay and the min. amt. of water required to  
prevent shrinkage of mouldings.

Pref. the cement, includes portlant cement, flyash cement,  
blast furnace cement and silica cement. Pref. clay is plastic clay  
or Georgia kaolin. To obtain a moulding having desired  
characteristics silica, limestone, asbestos and glass fibre may be  
added and also sodium chloride, methylcellulose and calcium  
stearate.

A moulding having appearance or structure of ceramics can be  
easily produced without using thermosetting resin. Mouldings  
are used for garden furniture, toilet seats, wash bowls, bathtubs,  
draining boards, blocks and ornaments. (3pp)

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